

ABSTRACT

A print head for a pagewidth printer includes a substrate that defines a plurality of ink inlet channels. A plurality of nozzle arrangements is positioned on the substrate. The nozzle arrangements are in fluid communication with the ink inlet channels and are the
5 product of an integrated circuit fabrication process. The nozzle arrangements define a pattern which is the result of carrying out successive replications of one nozzle arrangement with predetermined rotations and multipliers on a reference grid.